RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: /0/554,387
Source: PG/10
Date Processed by STIC: ////05

ENTERED

CRF Errors Edited by the STIC Systems Branch

Number:/	0/554,	387		CRF Edit Date Edited by:/8	:: <u>///</u>
Realigned nu text "wrappe			umbers/text i	n cases where	the sequ
toat wrappe	to the ne	at IIIIO			
				•	
Corrected th	e SEQ ID N	O. Sequenc	e numbers ed	lited were:	
	18 18 18 18 18 18 18 18 18 18 18 18 18 1	+ ;			
	•		State .		
			•	•• .	
NO's edited	•			of a nucleic li	
	ζ.		* *		•
	•		rt. b		
Deleted:	invalid begi	nning/end-	of-file text;_	page numb	ers
			•		
•	•		41/13		
Inserted man	idatory head	ings/numer	ic identifiers,	specifically:	
		,	1027		•
Moved respo	nses to same	line as hea	ding/numeric	identifier, spe	cifically
	18 4 4		4: 	,	<u>.</u>
*			,		
Othore			•••	eid hum	
Omer: a					

Revised 09/09/2003



PCT

```
RAW SEQUENCE LISTING DATE: 11/03/2005
PATENT APPLICATION: US/10/554,387 TIME: 12:33:35
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Output Set: N:\CRF4\11032005\J554387.raw

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             Baum, Gideon
     5
             Sharon Hashmueli
     6
             Ayala Lewkowicz
             Bartfeld, Daniel
     9 <120> TITLE OF INVENTION: PRODUCTION OF HIGH MANNOSE PROTEINS IN PLANT CULTURE
    11 <130> FILE REFERENCE: 30570
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/554,387
C--> 13 <141> CURRENT FILING DATE: 2005-10-25
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RAW SEQUENCE LISTING DATE: 11/03/2005
PATENT APPLICATION: US/10/554,387 TIME: 12:33:35

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11032005\J554387.raw

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RAW SEQUENCE LISTING DATE: 11/03/2005
PATENT APPLICATION: US/10/554,387 TIME: 12:33:35

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11032005\J554387.raw

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177		50					55					60					
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184	Phe	Gly	Gly	Ala	Met	Thr	Asp	Ala	Ala	Ala	Leu	Asn	Ile	Leu	Ala	Leu	
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189				100					105					110			
192	Gly	Val	Arg	Leu	Leu	Met	Leu	Asn	Asp	Gln	Arg	Leu	Leu	Leu	Pro	His	
193	•		115					120					125				
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197		130					135					140					
200	Gly	Ile	Ala	Val	His	Trp	Tyr	Leu	Asp	Phe	Leu	Ala	Pro	Ala	Lys	Ala	
201	145					150					155					160	
204	Thr	Leu	Gly	Glu	Thr	His	Arg	Leu	Phe	Pro	Asn	Thr	Met	Leu	Phe	Ala	
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224	Ile	Val	Asp	Ile	Thr	Lys	Asp	Thr	Phe	Tyr	Lys	Gln	Pro	Met	Phe	Tyr	
225					245					250					255		
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236	Gly	Leu	Val	Ala	Ser	Gln	Lys	Asn	Asp	Leu	Asp	Ala	Val	Ala	Leu	Met	
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DATE: 11/03/2005

TIME: 12:33:35

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/554,387

329 <220> FEATURE:

RAW SEQUENCE LISTING DATE: 11/03/2005
PATENT APPLICATION: US/10/554,387 TIME: 12:33:35

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11032005\J554387.raw

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     345 teetetatat aaggaagtte attteatttg gagaggacag gettettgag atcetteaae
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 11/03/2005 PATENT APPLICATION: US/10/554,387 TIME: 12:33:36

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11032005\J554387.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:12; N Pos. 162
Seq#:13; N Pos. 2181

VERIFICATION SUMMARY

DATE: 11/03/2005

PATENT APPLICATION: US/10/554,387

TIME: 12:33:36

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11032005\J554387.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:316 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:120 L:412 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:2160

Raw Sequence Listing before editing (for reference only)



PCT

RAW SEQUENCE LISTING DATE: 11/01/2005
PATENT APPLICATION: US/10/554,387 TIME: 11:00:57

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\11012005\J554387.raw

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3 <110> APPLICANT: Shaaltiel, Yoseph
4 Baum, Gideon
5 Sharon Hashmueli
6 Ayala Lewkowicz
7 Bartfeld, Daniel
9 <120> TITLE OF INVENTION: PRODUCTION OF HIGH MANNOSE PROTEINS IN PLANT CULTURE
11 <130> FILE REFERENCE: 30570
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/554,387
C--> 13 <141> CURRENT FILING DATE: 2005-10-25
13 <160> NUMBER OF SEQ ID NOS: 14
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ERRORED SEQUENCES

Does Not Comply conscied Diskette Neede

162 <210> SEQ ID NO: 8 163 <211> LENGTH: 335 164 <212> TYPE: PRT 165 <213> ORGANISM: Homo sapiens 167 <400> SEQUENCE: 8 169 Ala Arg Pro Cys Ile Pro Lys Ser Phe Gly Tyr Ser Ser Val Val Cys 170 1 10 173 Val Cys Asn Ala Thr Tyr Cys Asp Ser Phe Asp Pro Pro Thr Phe Pro 174 20 25 177 Ala Leu Gly Thr Phe Ser Arg Tyr Glu Ser Thr Arg Ser Gly Arg Arg 40 181 Met Glu Leu Ser Met Gly Pro Ile Gln Ala Asn His Thr Gly Thr Gly 185 Leu Leu Leu Thr Leu Gln Pro Glu Gln Lys Phe Gln Lys Val Lys Gly 189 Phe Gly Gly Ala Met Thr Asp Ala Ala Ala Leu Asn Ile Leu Ala Leu 193 Ser Pro Pro Ala Gln Asn Leu Leu Lys Ser Tyr Phe Ser Glu Glu 105 197 Gly Val Arg Leu Leu Met Leu Asn Asp Gln Arg Leu Leu Pro His 120 115 201 Trp Ala Lys Val Val Leu Thr Asp Pro Glu Ala Ala Lys Tyr Val His 130 135 205 Gly Ile Ala Val His Trp Tyr Leu Asp Phe Leu Ala Pro Ala Lys Ala 150 155 209 Thr Leu Gly Glu Thr His Arg Leu Phe Pro Asn Thr Met Leu Phe Ala 170 213 Ser Glu Ala Cys Val Gly Ser Lys Phe Trp Glu Gln Ser Val Arg Leu

RAW SEQUENCE LISTING DATE: 11/01/2005
PATENT APPLICATION: US/10/554,387 TIME: 11:00:57

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\11012005\J554387.raw

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    221 Leu Leu Tyr His Val Val Gly Trp Thr Asp Trp Asn Leu Ala Leu Asn
    222 210
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    225 Pro Glu Gly Gly Pro Asn Trp Val Arg Asn Phe Val Asp Ser Pro Ile
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260 265 270 hos.
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E--> 235
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    432 <223> OTHER INFORMATION: High mannose human glucocerebrosidase (GCD)
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RAW SEQUENCE LISTING DATE: 11/01/2005
PATENT APPLICATION: US/10/554,387 TIME: 11:00:57

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\11012005\J554387.raw

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                                     280
                                                         285
     513 Thr Leu Ala Asn Ser Thr His His Asn Val Arg Leu Leu Met Leu Asp
                                 295
    517 Asp Gln Arg Leu Leu Pro His Trp Ala Lys Val Val Leu Thr Asp
                             310
                                                 315
    521 Pro Glu Ala Ala Lys Tyr Val His Gly Ile Ala Val His Trp Tyr Leu
                         325
                                             330
    525 Asp Phe Leu Ala Pro Ala Lys Ala Thr Leu Gly Glu Thr His Arg Leu
                     340
                                         345
     529 Phe Pro Asn Thr Met Leu Phe Ala Ser Glu Ala Cys Val Gly Ser Lys
                355
                                     360
     533 Phe Trp Glu Gln Ser Val Arg Leu Gly Ser Trp Asp Arg Gly Met Gln
                                 375
     537 Tyr Ser His Ser Ile Ile Thr Asn Leu Leu Tyr His Val Val Gly Trp
                             390
                                                 395
     541 Thr Asp Trp Asn Leu Ala Leu Asn Pro Glu Gly Gly Pro Asn Trp Val
                         405
                                             410
    548 Arg Asn Phe Val Asp Ser Pro Ile Ile Val Asp Ile Thr Lys Asp Thr
                    ىر. 420
                                         425
    552 Phe Tyr Lys Gln Pro Met Phe Tyr His Leu Gly His Phe Ser Lys Phe
               435
                                     440
                                                         445
     556 Ile Pro Glu Gly Ser Gln Arg Val Gly Leu Val Ala Ser Gln Lys Asn
     557
            450
                                 455
    560 Asp Leu Asp Ala Val Ala Leu Met His Pro Asp Gly Ser Ala Val Val
                             470
                                                 475
    564 Val Val Leu Asn Arg Ser Ser Lys Asp Val Pro Leu Thr Ile Lys Asp
                                             490
                         485
     568 Pro Ala Val Gly Phe Leu Glu Thr Ile Ser Pro Gly Tyr Ser Ile His
                                         505
     572 Thr Tyr Leu Trp His Arg Gln Asp Leu Leu Val Asp Thr Met
                515
    573
                                     520
E--> 580/12
E--> 582 2
E--> 585 pcdo
E--> 588 12022/ph/00
```

VERIFICATION SUMMARY DATE: 11/01/2005
PATENT APPLICATION: US/10/554,387 TIME: 11:00:58

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\11012005\J554387.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:235 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8
L:238 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8
L:242 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8
L:246 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8
L:250 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8
L:254 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8
L:327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:120
L:423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:2160
L:580 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:14
L:582 M:333 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:14
L:585 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:585 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:588 M:252 E: No. of Seq. differs, <211> LENGTH:Input:526 Found:527 SEQ:14